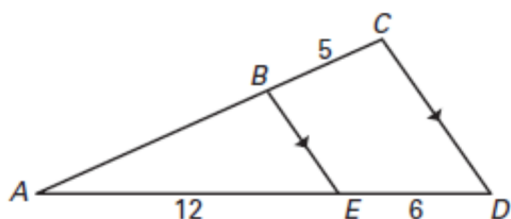


Name _____ Period _____

Geometry Unit 6 Worksheet #8 – Parallel Lines and Angle Bisectors

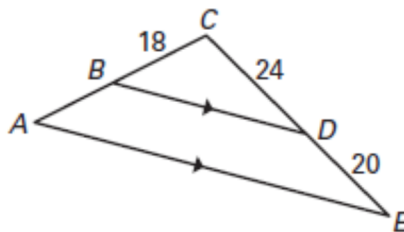
For #1& 2, find the length of \overline{AB}

1.



$\overline{AB} =$ _____

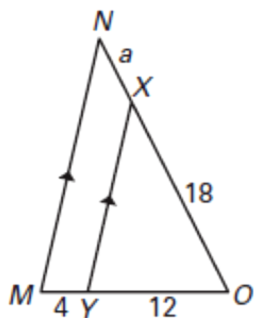
2.



$\overline{AB} =$ _____

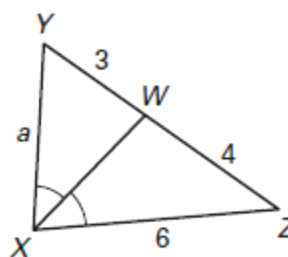
For #3 -12 , use proportions to solve for the missing variables.

3.



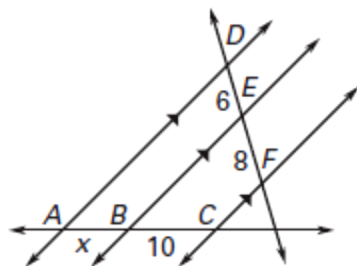
$a =$ _____

4.



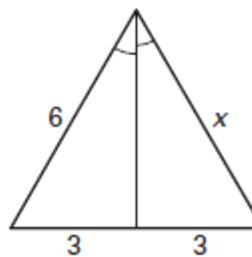
$a =$ _____

5.



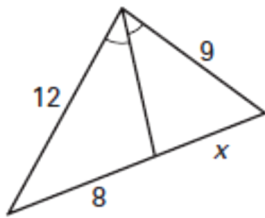
$x =$ _____

6.



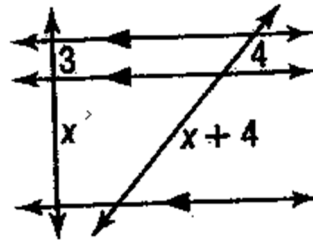
$x =$ _____

7.



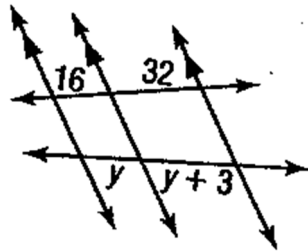
$x =$ _____

8.



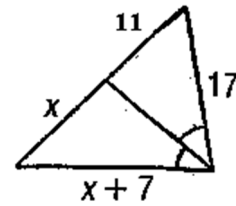
$x =$ _____

9.



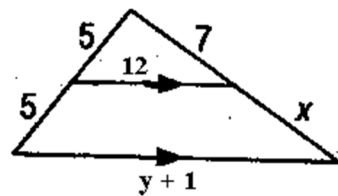
$y =$ _____

10.



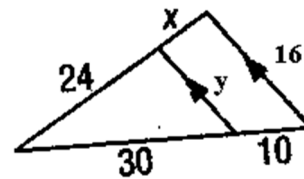
$x =$ _____

11.



$x =$ _____ $y =$ _____

12.



$x =$ _____ $y =$ _____

13. Find the missing side lengths

$\overline{GF} =$ _____

$\overline{FC} =$ _____

$\overline{FE} =$ _____

$\overline{DE} =$ _____

